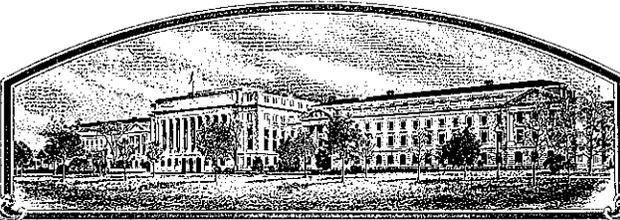


No.

9600083



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Busch Agricultural Resources, Inc.

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED, PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSES, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

BARLEY

'B7098'

In Testimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington, D.C. this thirtieth day of April in the year of our Lord one thousand nine hundred and ninety-six.

Attest:

Marsha A. Hunter
Commissioner
Plant Variety Protection Office
Agricultural Marketing Service

Earl F. Bickman
Secretary of Agriculture



U.S. DEPARTMENT OF AGRICULTURE
 AGRICULTURAL MARKETING SERVICE
 SCIENCE DIVISION - PLANT VARIETY PROTECTION OFFICE

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a).

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

(Instructions and information collection burden statement on reverse)

1. NAME OF APPLICANT(S) (as it is to appear on the Certificate) BUSCH AGRICULTURAL RESOURCES, INC.		2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER 6B92-7098	3. VARIETY NAME 'B7098' <i>per letter MA# 4/16/96</i>
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code, and Country) 3515 EAST COUNTY ROAD 52 FT. COLLINS, CO 80524 U.S.A.		5. TELEPHONE (include area code) (970) 221-5622	6. FAX (include area code) (970) 482-5965
7. GENUS AND SPECIES NAME HORDEUM VULGARE L.		8. FAMILY NAME (Botanical) GRAMINEA	
9. CROP KIND NAME (Common name) SPRING BARLEY		10. IF THE APPLICANT NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZATION (corporation, partnership, association, etc.) (Common name) CORPORATION	
11. IF INCORPORATED, GIVE STATE OF INCORPORATION DELAWARE		12. DATE OF INCORPORATION 01/01/81	
13. NAME AND ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS DR. LES WRIGHT BUSCH AGRICULTURAL RESOURCES, INC. 3515 EAST COUNTY ROAD 52 FT. COLLINS, CO 80524		DR. MIKE BJARKO SAME ADDRESS & (OR) PHONE #	

FOR OFFICIAL USE ONLY	
PVPO NUMBER	9600083
DATE	Dec 13, 1995
FILING AND EXAMINATION FEE	2450.00
DATE	Dec 13, 1995
CERTIFICATION FEE	300.00
DATE	3-20-96

16. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED (Follow instructions on reverse)

- a. Exhibit A. Origin and Breeding History of the Variety
- b. Exhibit B. Statement of Distinctness
- c. Exhibit C. Objective Description of the Variety
- d. Exhibit D. Additional Description of the Variety
- e. Exhibit E. Statement of the Basis of the Applicant's Ownership
- f. Voucher Sample (2,500 viable untreated seeds or, for tuber propagated varieties verification that tissue culture will be deposited and maintained in a public repository)
- g. Filing and Examination Fee (\$2,450), made payable to "Treasurer of the United States" (Mail to PVPO)

H. QUALITY AND AGRONOMIC DATA

17. DOES THE APPLICANT SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY, AS A CLASS OF CERTIFIED SEED? (See Section 83(a) of the Plant Variety Protection Act?)
 YES (If "yes," answer items 18 and 19 below) NO (If "no," go to item 20)

18. DOES THE APPLICANT SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS?
 YES NO

19. IF "YES" TO ITEM 18, WHICH CLASSES OF PRODUCTION BEYOND BREEDER SEED?
 FOUNDATION REGISTERED CERTIFIED

20. HAS THE VARIETY OR A HYBRID PRODUCED FROM THE VARIETY BEEN RELEASED, USED, OFFERED FOR SALE, OR MARKETED IN THE U.S. OR OTHER COUNTRIES?
 YES (If "yes," give names of countries and dates) NO

21. The applicant(s) declare that a viable sample of basic seed of the variety will be furnished with application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue culture will be deposited in a public repository and maintained for the duration of the certificate.

The undersigned applicant(s) is(are) the owner(s) of this sexually reproduced or tuber propagated plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.

Applicant(s) is(are) informed that false representation herein can jeopardize protection and result in penalties.

SIGNATURE OF APPLICANT (Owner(s)) <i>Mike Bjarko</i>		SIGNATURE OF APPLICANT (Owner(s)) <i>Leslie J. Wright</i>	
NAME (Please print or type) Mike Bjarko		NAME (Please print or type) Leslie J. Wright	
CAPACITY OR TITLE Barley Breeder	DATE 11 Dec '95	CAPACITY OR TITLE Research Director	DATE 12/11/95

EXHIBIT A

ORIGIN AND BREEDING HISTORY OF 6B92-7098 'B7098'

*per letter
4/16/96 MAH*

PEDIGREE: Hazen/Excel

DATE OF CROSS: 1989

HISTORY:

6B92-7098 originated in Moorhead, MN as an F4 headrow. It was first tested in replicated yield trials in 1992 at Moorhead and Crookston, MN. The selection was entered in the Mississippi Valley Uniform Regional Barley Nursery in 1995. It is targeted as a six-rowed malting barley for midwestern barley production. In 1993, head selections were made at Ft. Collins, Colorado to initiate purity and multiplication. Ninety-two headrows were bulked for Breeder seed in 1994. Headrows will be maintained for Breeder seed. Breeder seed was produced in 1995. Certified seed will be available in 1999.

AMENDMENT TO EXHIBIT A

PV Application No. 9600083, BARLEY, ~~6B92-7098~~ 'B7098'*per letter
4/16/98
MAH*

6B92-7098 is uniform and stable over five years and six generations. Less than .5% of the plants were rogued from Breeder fields in 1995. Approximately 95% of the rogued variant plants were 2-4 centimeters taller than 6B92-7098. Less than .5% total variant plants may be encountered in subsequent generations.

Selection criteria used to breed 6B92-7098 is as follows:

Midwestern Six-rowed Barley:

Yield:	Greater than Stander
Maturity:	Equal to or earlier than Stander
Straw strength:	Equal to or greater than Stander
Kernel plumpness:	Equal to or greater than Stander
Protein:	Equal to or less than Morex
Diastatic power:	Equal to or greater than Morex
Extract:	Equal to or greater than Morex
Alpha amylase:	Equal to Morex
Viscosity:	Equal to or less than Morex
Turbidity:	Equal to or less than Morex

EXHIBIT B

STATEMENT OF DISTINCTNESS

per Letter
4/16/98 max

'B7098'

~~6B92-7098~~ is most similar to the spring barley variety "Excel", however it can be distinguished by the following morphological characteristics:

- The juvenile growth habit of 6B92-7098 is semi-prostrate.
Juvenile growth habit of Excel is erect.
- Heading date is one day earlier for 6B92-7098 (see following page).
- 6B92-7098 has frequent barbs on the lateral veins of the kernel.
Excel has numerous barbs on the lateral veins of the kernel (more than 6B92-7098).

AMENDMENT TO EXHIBIT B

PV Application No. 9600083, BARLEY <6B92-7098> '37098'

per letter
4/16/98
MAK

By use of the T-test, 6B92-7098 is statistically different from the variety 'Excel', for percentage of plump kernels and for the malting quality analysis of diastatic power. Please see the following two pages.

PV Application No. 9600083, Barley <6B92-7098> 'B 7098'

per letter
4/16/98
MAH

STATISTICAL TABLE FOR PERCENT PLUMP

VARIETY	MEAN	SD	DIFF	N	t	p
7098	85.775	6.7103	10.113	8	2.469	0.0429
EXCEL	75.663	10.953				

STATISTICAL TABLE FOR DP

VARIETY	MEAN	SD	DIFF	N	t	p
7098	167.38	21.46	28.29	7	3.67	0.01
EXCEL	139.09	12.24				

Key:

SD - Standard Deviation

DIFF - The difference between the parameter for 7098 and EXCEL.

N - The number of observations

t - The t value from Student's t statistic

p - The probability value associated with the t value

PV Application No. 9600083, Barley <6B92-7098> 'B 7098'

per letter
4/16/98
mas

CL	YR	REG	LO	TRL	ENTRY	PLUMP	DP
6	95	MW	BT	6301	6B92-7098	87.8	183
6	95	MW	MH	6301	6B92-7098	82.1	152
6	95	MW	TM	6301	6B92-7098	90.7	161
6R	94	MW	BT	6301	6B92-7098	88.9	178
6R	94	MW	CK	6301	6B92-7098	72.4	
6R	94	MW	MH	6301	6B92-7098	88.2	129
6R	94	MW	SU	6301	6B92-7098	82.2	182
6R	94	MW	TM	6301	6B92-7098	93.9	188

COUNT	8	7
AVE	85.78	167
p=	0.043	0.01
T	2.469	3.67
SD	6.71	21.5

6	95	MW	BT	6301	EXCEL	82.1	144
6	95	MW	MH	6301	EXCEL	57.9	134
6	95	MW	TM	6301	EXCEL	82.0	136
6R	94	MW	BT	6301	EXCEL	79.2	145
6R	94	MW	CK	6301	EXCEL	63.2	
6R	94	MW	MH	6301	EXCEL	68.8	121
6R	94	MW	SU	6301	EXCEL	83.6	160
6R	94	MW	TM	6301	EXCEL	88.5	134

COUNT	8	7
AVE	75.66	139
SD	10.95	12.2

Key:

CL - Class, 2 or 2R means two rowed barley, 6 or 6R means six rowed barley

YR - Year the data were gathered: 95=1995 94=1994, 93=1993, 92=1992

REG - Region the crop was grown. MW refers to the midwest region

LO - Location the crop was grown: CK=Crookston,MN;

MH=Moorhead,MN; SU=Sutton,ND; TM=St.Thomas,ND;

BT=Bottineau,ND.

TRL - Trial, the experiment number the variety was grown in.

ENTRY - The name assigned to the genotype for testing

PLUMP - The percent plump

DP - Diastatic power

COUNT - The number of observations

AVE - The mean of the data values

p - The probability value associated with the t value

T - The t value from Student's t statistic

SD - The standard deviation of the data values

U.S. DEPARTMENT OF AGRICULTURE
 AGRICULTURAL MARKETING SERVICE
 LIVESTOCK AND SEED DIVISION
 BELTSVILLE, MARYLAND 20705

EXHIBIT C
 (Barley)

OBJECTIVE DESCRIPTION OF VARIETY
 BARLEY (*HORDEUM VULGARE*)

INSTRUCTIONS: See Reverse.

NAME OF APPLICANT(S) BUSCH AGRICULTURAL RESOURCES, INC.	FOR OFFICIAL USE ONLY
	PVPO NUMBER 9600085
ADDRESS (Street and No. or R.F.D. No., City, State, and ZIP Code) 3515 EAST COUNTY ROAD 52 FT. COLLINS, CO 80524	VARIETY NAME OR TEMPORARY DESIGNATION 6B92-7098 'B7098'

Place the appropriate number that describes the varietal character of this variety in the boxes below.
 Place a zero in first box (i.e. or) when number is either 99 or less or 9 or less.

1. GROWTH HABIT:

1 - SPRING 2 - FACULTATIVE WINTER 3 - WINTER Early Growth: 1 - PROSTRATE 2 - SEMIPROSTRATE 3 - ERECT

2. MATURITY (50% Flowering):

1 - EARLY (California Mariout) 2 - MIDSEASON (Betzes) 3 - LATE (Frontier)

<input type="text" value="1"/> No. of days Earlier than	<input type="text" value="8"/>	} 1 - BETZES 2 - CALIFORNIA MARIOUT 3 - CONQUEST 4 - DICKSON 5 - PIROLINE 6 - PRIMUS 7 - UNITAN 8 = EXCEL
<input type="text"/> No. of days Later than	<input type="text"/>	

3. PLANT HEIGHT (From soil level to top of head):

1 - SEMIDWARF 2 - SHORT (California Mariout) 3 - MEDIUM TALL (Betzes) 4 - TALL (Conquest)

<input type="text" value="0"/> <input type="text" value="5"/> Cm. Shorter than	<input type="text" value="8"/>	} 1 - BETZES 2 - CALIFORNIA MARIOUT 3 - CONQUEST 4 - DICKSON 5 - PIROLINE 6 - PRIMUS 7 - UNITAN 8 = ROBUST
<input type="text"/> Cm. Taller than	<input type="text"/>	

4. STEM:

Exertion (Flag to spike at maturity): 1 = 0 - 3 cm. 2 = 3 - 10 cm. 3 = 10 - 15 cm. Anthocyanin: 1 - ABSENT 2 - PRESENT

NO. OF NODES (Originating from node above ground)

Collar Shape: 1 - CLOSED 2 - V-SHAPED 3 - OPEN 4 - MODIFIED CLOSED OR OPEN Shape of Neck: 1 - STRAIGHT 2 - SNAKY 3 - OTHER (Specify)

5. LEAF:

Basal leaf sheath (seedling): 1 - GLABROUS 2 - PUBESCENT Position of flag leaf (at boot stage): 1 - DROOPING 2 - UPRIGHT

Waxiness: 1 - ABSENT (Glossy) 2 - SLIGHTLY WAXY 3 - WAXY MM. WIDTH (First leaf below flag leaf)

CM. LENGTH (First leaf below flag leaf) Anthocyanin in leaf sheath: 1 - ABSENT 2 - PRESENT

6. HEAD:

Type: 1 - TWO-ROWED 2 - SIX-ROWED Density: 1 - LAX 2 - ERECT (Not dense) 3 - ERECT (Dense)

Shape: 1 - TAPERING 2 - STRAP 3 - CLAVATE 4 - OTHER (Specify) Waxiness: 1 - ABSENT (Glossy) 2 - SLIGHTLY WAXY 3 - WAXY

Lateral Kernels Overlap: 1 - NONE 2 - AT TIP 3 - 1/4 - 1/2 OF HEAD Rachis (Hair on edge): 1 - LACKING 2 - FEW 3 - COVERED

7. GLUME:

Length: 1 = 1/3 OF LEMMA 2 = 1/2 OF LEMMA 3 = MORE THAN 1/2 OF LEMMA Hairs: 1 - NONE 2 - SHORT 3 - LONG

Hair covering: 1 - NONE 2 - RESTRICTED TO MIDDLE 3 - CONFINED TO BAND 4 - COMPLETELY COVERED

Awns: 1 - LESS THAN EQUAL TO LENGTH OF GLUMES 2 - EQUAL TO LENGTH OF GLUMES 3 - MORE THAN EQUAL TO LENGTH OF GLUMES

Awn Surface: 1 - SMOOTH 2 - SEMISMOOTH 3 - ROUGH

2900085

8

8. LEMMA:

5 Awn: 1 = AWNLESS 2 = AWNLETS ON CENTRAL ROWS, AWNLESS ON LATERAL ROWS
 3 = SHORT ON CENTRAL ROWS, AWNLETS ON LATERAL ROWS 4 = SHORT (less than equal to length of spike)
 5 = LONG (longer than spike) 6 = HOODED

3 Awn Surface: 1 = AWNLESS 2 = SMOOTH 3 = SEMISMOOTH 4 = ROUGH

4 Teeth: 1 = ABSENT 2 = FEW 3 = NUMEROUS 4 = SEVERAL 1 Hair: 1 = ABSENT 2 = PRESENT

1 Shape of base: 1 = DEPRESSION 2 = SLIGHT CREASE 3 = TRANSVERSE CREASE 2 Rachilla Hairs: 1 = SHORT 2 = LONG

9. STIGMA:

2 Hairs: 1 = FEW 2 = MANY 3 = WAITING FOR READING
2 AAA per letter 22 Mar 1996

10. SEED:

2 Type: 1 = NAKED 2 = COVERED 2 Hairs on Ventral Furrow: 1 = ABSENT 2 = PRESENT

4 Length: 1 = SHORT (8.0 mm.) 2 = SHORT TO MIDLONG (7.5 - 9.0 mm.) 3 = MIDLONG (8.5 - 9.5 mm.)
 4 = MIDLONG TO LONG (9.0 - 10.5 mm.) 5 = LONG (10.0 mm.)

3 Wrinkling of hull: 1 = NAKED 2 = SLIGHTLY WRINKLED 3 = SEMIWRINKLED 4 = WRINKLED

1 Aleurone Color: 1 = COLORLESS (White or Yellow) 2 = BLUE

0 0 PERCENT ABORTIVE 4 7 GMS. PER 1000 SEEDS

11. DISEASE: (0 = Not Tested, 1 = Susceptible, 2 = Resistant)

<input type="checkbox"/> 2 SEPTORIA	<input type="checkbox"/> 2 NET BLOTCH	<input type="checkbox"/> 2 SPOT BLOTCH	<input type="checkbox"/> 2 POWDERY MILDEW
<input type="checkbox"/> 0 LOOSE SMUT	<input type="checkbox"/> 0 BACTERIAL BLIGHT	<input type="checkbox"/> 0 COVERED SMUT	<input type="checkbox"/> 0 FALSE LOOSE SMUT
<input type="checkbox"/> 2 STEM RUST	<input type="checkbox"/> 0 LEAF RUST	<input type="checkbox"/> 0 SCAB	<input type="checkbox"/> 0 SCALD
<input type="checkbox"/> 0 AY	<input type="checkbox"/> 0 BSMV	<input type="checkbox"/> 0 BYDV	<input type="checkbox"/> 0 OTHER (Specify)

12. INSECT: (0 = Not tested, 1 = Susceptible, 2 = Resistant)

<input type="checkbox"/> 0 GREEN BUG	<input type="checkbox"/> 0 ENGLISH GRAIN APHID	<input type="checkbox"/> 0 CHINCH BUG	<input type="checkbox"/> 0 ARMYWORM
<input type="checkbox"/> 0 GRASS HOPPERS	<input type="checkbox"/> 0 CEREAL LEAF BEETLE	<input type="checkbox"/> OTHER (Specify)	
HESSIAN FLY RACES	<input type="checkbox"/> 0 GP	<input type="checkbox"/> 0 A	<input type="checkbox"/> 0 B <input type="checkbox"/> 0 C
	<input type="checkbox"/> 0 D	<input type="checkbox"/> 0 E	<input type="checkbox"/> 0 F <input type="checkbox"/> 0 G

13. CHEMICAL (0 = Not Tested, 1 = Susceptible, 2 = Resistant)

0 DDT OTHER (Specify)

14. INDICATE WHICH VARIETY MOST CLOSELY RESEMBLES THAT SUBMITTED:

CHARACTER	NAME OF VARIETY	CHARACTER	NAME OF VARIETY
Plant tillering	EXCEL	Seed size	EXCEL
Leaf size	EXCEL	Coleoptile elongation	EXCEL
Leaf color	EXCEL	Seedling pigmentation	EXCEL
Leaf carriage	EXCEL		

REFERENCES: The following publications may be used as a reference aid for the standardization of character descriptions and terms used in this form:

- Wiebe, G. A., and D. A. Reid, 1961, Classification of Barley Varieties Grown in the United States and Canada in 1958, Technical Bulletin No. 1224, U.S. Dept. of Agriculture.
- Reid, D. A., and G. A. Wiebe, 1968, Barley: Origin, Botany, Culture, Winter Hardiness, Genetics, Utilization, Pests, Agriculture Handbook No. 338, U.S. Dept. of Agriculture. pp. 61 - 84.
- Making Barley Improvement Association, Milwaukee, Wisconsin, 1971, Barley Variety Dictionary.

COLOR: Nickerson's or any recognized color fan may be used to determine color of the described variety.

EXHIBIT D

BOTANICAL DESCRIPTION OF 6B92-7098 'B7098'

per letter
4/16/96
MATT

6B92-7098 is a six-rowed, mid-season spring barley bred and developed by Busch Agricultural Resources, Incorporated Ft. Collins, Colorado. It has excellent malting quality.

Juvenile growth habit is semi-prostrate. Plant color at boot is green with an upright and curled flag leaf. Head shape is strap and mid-dense. Neck shape is straight to slightly snaky. Collar is variable, with cup, saucer and platform types. First rachis segment is long and narrow. Base of first rachis segment has a margin flange with hairs on the margin. Rachis shape is plain with long hairs covering the margin. Kernel overlap is from one quarter of the spike to the tip. Glume length is one half the length of the kernel. Glume hairs are long and confined to a band. Glume awn length is greater than the length of the glume. Glume awns are rough. Lemma awn length is longer than the spike and they are semi-smooth. Lemma teeth are frequent and sharkskin is present. Lemma base is a depression. Hair is absent from the lemma. Seed is covered, mid-long to long, finely wrinkled, wax is present and the aleurone is colorless. Palea tips are long. Rachilla length is one-quarter of the kernel and hairs are long with many hairs thicker at the base. Ventral crease is V-shaped with crease hair present as well as fence hair.

6B92-7098 Is a Midwestern six-rowed variety well adapted to North Dakota and Minnesota.

EXHIBIT H

AGRONOMIC AND QUALITY DATA

SEE ATTACHED PAGE

6B92-7098

**1995 MIDWESTERN SIX-ROWED A.M.B.A. TESTING CANDIDATE
AGRONOMIC SUMMARY**

LINE OR VARIETY	YIELD (% EXCEL)				(12)	(7)	(9)	(10)	(9)	(6)	(5)
	(3)	(8)	(6)	(17)	HEAD	HT	LDG	MAT	TEST	NET	SPOT
	93	94	95	AVE	1/1	CM	1-9	1-5	WT	BLOTCH	BLOTCH
6B92-7098 - '87028'	109	94	101	99	183	84	1.1	3.8	47.6	3.3	3.7
EXCEL	100 (82) *	100 (77)	100 (69)	100 (76)	184	84	2.4	3.9	47.7	4.1	2.5
ROBUST	103	93	91	95	184	88	1.9	3.7	48.0	3.1	2.3

1993-95 DATA, () = STATION YEARS
* BUSHEL / ACRE

QUALITY SUMMARY

LINE OR VARIETY	EXTRACT										WORT		
	(8)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	(7)	0	(7)
	%	MALT	F.	C.	F-C	WORT	(7)	SOL	(7)	(7)	AA	CLR	TUR
	PLUMP	PROT	GRD	GRD	DIF	VIS	S/T	PROT	DP	DP	AA	CLR	TUR
6B92-7098	85.8	13.7	77.8	76.5	1.33	1.48	51.4	7.0	167	77.2	---	---	6
MOREX	61.2	14.2	77.3	75.7	1.58	1.44	45.6	6.5	175	69.6	---	---	8
ROBUST	79.4	13.8	77.9	75.3	2.59	1.49	42.4	5.8	162	52.5	---	---	5

1994-95 DATA, () = STATION YEARS

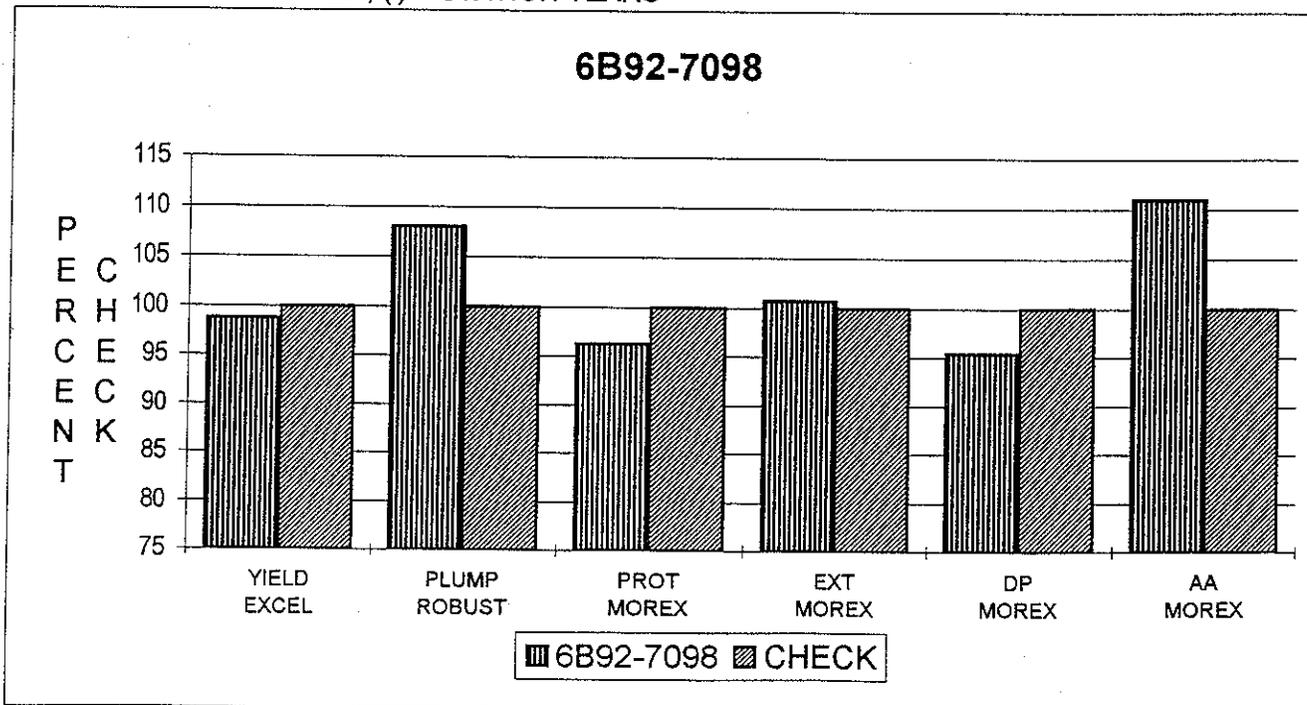


EXHIBIT E.

STATEMENT OF THE BASIS OF APPLICANT'S OWNERSHIP

Busch Agricultural Resources, Incorporated is applicant for protection in this case being:

- a). The incorporated business registered in Delaware for and within which regular employees have bred 6B92-7098: 'B 7098'
- b). The proprietary owner and intending commercial seller of 6B92-7098.

per letter
4/16/98
mm

AMENDMENT TO EXHIBIT E

PV Application No. 9600083, BARLEY, 6B92-7098 'B7098'

6B92-7098 is a six-rowed spring barley for which Plant Variety Protection is hereby sought was developed by Dr. Mike Bjarko, an employee of Busch Agricultural Resources, Incorporated. By agreement between employees and Busch Agricultural Resources, Incorporated: all rights to any invention, discovery, or development made by the employee while employed by Busch Agricultural Resources, Incorporated, were assigned to Busch Agricultural Resources, Incorporated, with no rights of any kind pertaining to 6B92-7098 being retained by the employee.

per
letter
4/16/96
msa